

## **Appendix 5: Louisville District Mitigation Plan Checklist**

### **Baseline Information for Impact and Proposed Mitigation Sites**

- ☐ Summary of Project Impacts/Purpose and Mitigation Concept/Purpose
- ☐ Detailed location information
- ☐ Relative geographic location within USGS 8-digit watershed
- ☐ Surrounding Land Use
- ☐ Classification
- ☐ Existing Conditions: Landscape Setting/Ecosystem Context
- ☐ Field Observations
- ☐ Climate
- ☐ Water Quality
- ☐ Functional Assessment Tool
- ☐ Site maps
- ☐ Aerial Photography, if available
- ☐ USDA/NRCS County Soil survey sheet for site
- ☐ Photographs of the site with a corresponding photo orientation map
- ☐ Responsible parties

### **Goals & Objectives of the Proposed Mitigation**

- ☐ Functions & Values (Existing, predicted, and Watershed Context)
- ☐ Methodology for Measurement
- ☐ Analyze debits/credits (Acreage/Linear Feet & Functional Capacity Units)
- ☐ Discuss functional replacement (In-Kind vs. Out-of-Kind, Holistic Aquatic Ecosystem Context & Watershed/Landscape Context)
- ☐ Identify potential mitigation challenges
- ☐ Provide a written narrative of environmental goals and objectives

### **Mitigation Work/Implementation Plan**

- ☐ Describe site preparation (Discuss Site Plans, Soils/Substrate, Hydrology, Planting Plan, Exotic & Undesirable Species Control, Schedule & Construction Monitoring)
- ☐ As-Built Conditions
- ☐ Financial Assurances

### **Success Criteria**

- ☐ Identify minimum and project specific success criteria
- ☐ Include measurable performance standards
- ☐ Assess how performance standards support the goals and objectives

### **Monitoring**

- ☐ Provide monitoring schedule, responsible party (ies)
- ☐ Specify data to be collected, including assessment tools and methodologies
- ☐ Identify proposed method of site protection (conservation easement, deed restriction)

### **Contingency Plan**

- ☐ Discuss the steps to be taken in the event that the success criteria have not been met
- ☐ Indicate course of action to be taken in the event that the Corps determines the compensatory mitigation cannot be successfully achieved at the intended site.